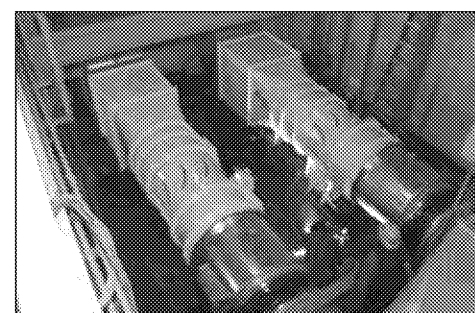
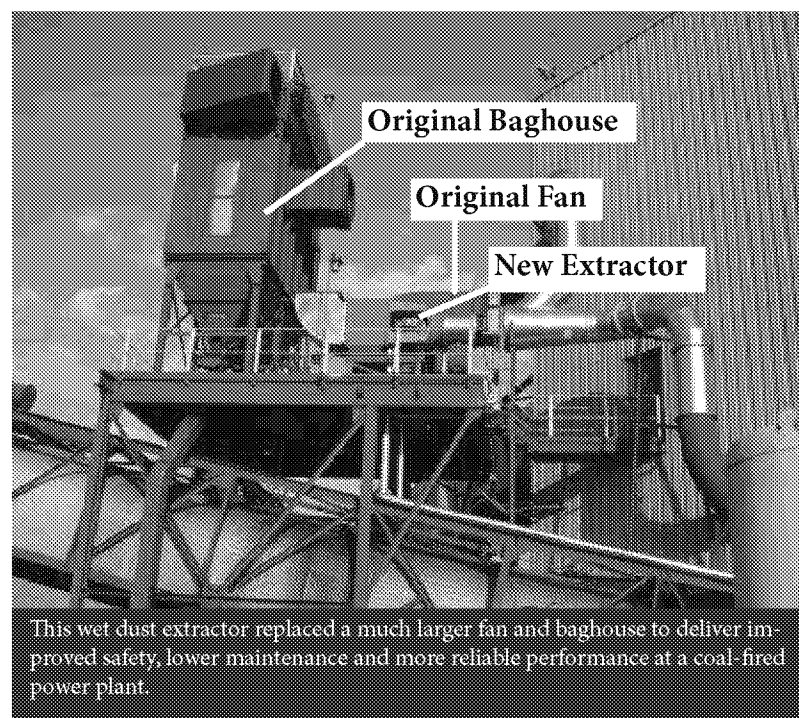
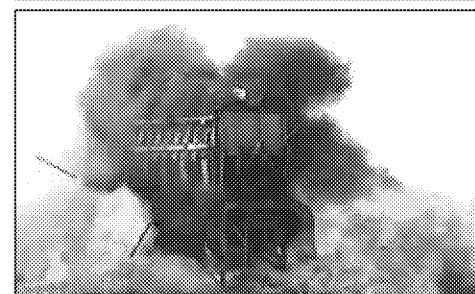


# WET DUST EXTRACTION VS. DRY DUST COLLECTION

WET DUST EXTRACTION		DRY DUST COLLECTION	
OPERATING	<b>ECONOMICAL</b> <ul style="list-style-type: none"> <li>› Small space for simple installation</li> <li>› No elaborate enclosures needed</li> <li>› Simple package for combustible dust</li> <li>› Safe dust discharge</li> </ul>	SAFETY	<b>EXPENSIVE</b> <ul style="list-style-type: none"> <li>› Large unit, high cost installation</li> <li>› Expensive equipment required</li> <li>› Complex and costly requirement for combustible dust</li> <li>› Discharged dust causes downtime issues</li> </ul>
	<b>SAFE</b> <ul style="list-style-type: none"> <li>› Eliminates explosion risk due to dry dust handling</li> </ul>		<b>RISK</b> <ul style="list-style-type: none"> <li>› Fire and explosion risk related to high concentration of combustible dust</li> <li>› Per OSHA data, over 40% of dry dust explosions are directly related to dry dust collection</li> </ul>
	<b>LOW</b> <ul style="list-style-type: none"> <li>› Simple system east to maintain</li> <li>› Knit mesh screen panel is washable, reusable, and easy to replace</li> <li>› Compact design makes it convenient to service</li> </ul>		<b>HIGH</b> <ul style="list-style-type: none"> <li>› Ongoing, costly maintenance needs</li> <li>› Time consuming filter bag replacement</li> <li>› Solenoid/diaphragm replacement yearly</li> <li>› Rotary valve replacement or repair every five years</li> <li>› Regular replacement of foam explosion doors</li> <li>› Binding or plugging of bags</li> </ul>



Install and capital cost savings: Small footprint and safe operation allow unit to be installed inside on tripper floor rather than roof.



Dry dust collection has inherent risk and is the leading cause of combustible dust incidents. This risk is nearly eliminated with Benetech's Wet Dust Extraction System



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